



021704

01919 U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR  
1.53(b))

Attorney Docket No. **AA 021112**

First Named Inventor or Application Identifier

**Zeno Wahl**

Express Mail Label No. ER 604084696 US

Date of Deposit **14 February 2004**

17548 U.S. PTO  
10/779979



021704

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (2)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification *Total Pages 15*  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawings (35 USC 113) *Total Sheets 2*
4. ☒ Oath or Declaration *Total Pages 1*
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference  
(useable if Box 4b is checked)  
The entire disclosure of the prior application,  
from which a copy of the oath or declaration is  
supplied under Box 4b, is considered as being  
part of the disclosure of the accompanying  
application and is hereby incorporated by  
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of  
Statement (IDS)/PTO 1449 IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☒ Other
  - ☐ Check in the amount of \$
  - ☒ Credit Card Form in the amount of \$461.

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:

## 18. CORRESPONDENCE ADDRESS:

Robert M. McDermott, Esq.  
1824 Federal Farm Road  
Montross, VA 22520  
Telephone: 804-493-0707

**CUSTOMER NUMBER: 23662**

## 19. Certificate of Express Mail:

I hereby certify that this paper and the items identified above are being deposited with the U.S. Postal Service "Express Mail Post Office to Addresses" service under 37 C.F.R. Section 1.10 on the 'Date of Deposit', indicated above, and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Robert M. McDermott, Registration Number 41,508

# FEE TRANSMITTAL

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **461**

Application Number	
Filing Date	
First Named Inventor	Zeno Wahl
Group Art Unit	
Examiner Name	
Attorney Docket Number	AA 021112

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	
Deposit Account Name	

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

## FEE CALCULATION

### 1. FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 770 201 385		Utility filing fee	385
106 310 206 155		Design filing fee	
107 480 207 240		Plant filing fee	
108 760 208 380		Reissue filing fee	
114 160 214 80		Provisional filing fee	

SUBTOTAL (1) (\$)385

### 2. CLAIMS

Claims	Extra	Fee from below	Fee Paid
Total 24	(-20 =) 4	9	36
Indep. 3	(-3 =)		
Multiple Dep.			

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 86 202 43		Independent claims in excess of 3	
104 290 204 145		Multiple dependent claim	
109 78 209 39		Reissue independent claims over original patent	
110 18 210 9		Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)421

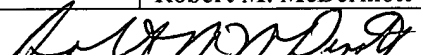
## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 380 216 190		Extension for reply within second month	
117 870 217 435		Extension for reply within third month	
118 1,360 218 680		Extension for reply within fourth month	
128 1,850 228 925		Extension for reply within fifth month	
119 300 219 150		Notice of Appeal	
120 300 220 150		Filing a brief in support of an appeal	
121 260 221 130		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,210 241 605		Petition to revive - unintentional	
142 1,210 242 605		Utility issue fee (or reissue)	
143 430 243 215		Design issue fee	
144 580 244 290		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 240 126 240		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	40
146 760 246 380		Filing a submission after final rejection (37 CFR 1.129(a))	
149 760 249 380		For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)40

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Robert M. McDermott		Reg. Number	41,508
Signature		Date	14 FEB 04	Deposit Account User ID	